

### **REASONS FOR ALLOWANCE**

The following is an examiner's statement of reasons for allowance:

Claims 1-26 are allowed as amended for the reasons set forth in the last office action mailed May 01, 2008, wherein claims 1-25 were allowed, and claim 27 was objected to and indicated to be allowable. Claim-26 as amended incorporates the limitation of allowable Claim-27.

The examiner finds the limitation of "negligible amount of oxygen" in claims 1, 14 and 26 to be definite as a person of ordinary skilled in the art working on thin films of MgB<sub>2</sub> dealing with the vaporization and deposition of elements in UHV and HV equipment would know this limitation.

Any comments considered necessary by applicant must be submitted no later than the payment of the issue fee and, to avoid processing delays, should preferably accompany the issue fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for Allowance."

Any inquiry concerning this communication or earlier communications from the examiner should be directed to KALLAMBELLA VIJAYAKUMAR whose telephone number is (571)272-1324. The examiner can normally be reached on M-F 07-3.30.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Stanley Silverman can be reached on 5712721358. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Art Unit: 1793

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/KMV/  
May 29, 2008.

/Stanley Silverman/  
Supervisory Patent Examiner, Art Unit 1793